

JAW

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78985

Yoshihisa USAMI, et al.

Appln. No.: 10/735,775

Group Art Unit: 1756

Confirmation No.: 4103

Examiner: Martin J. Angebranndt

Filed: December 16, 2003

OPTICAL INFORMATION RECORDING METHOD AND OPTICAL INFORMATION

RECORDING MEDIUM

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

## MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

For:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, which include the publication of co-pending Application No. 10/305,976, the references cited in the Information Disclosure Statements submitted in that co-pending application, US Office Actions received, communications from foreign patent offices, and the references cited during the examination of that co-pending application, are submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Application No.: 10/735,775

Attorney Docket No. Q78985

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, English language translations, and/or corresponding English language patents are submitted herewith for all listed foreign language documents cited herein.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

SUGHRUE MION, PLLC

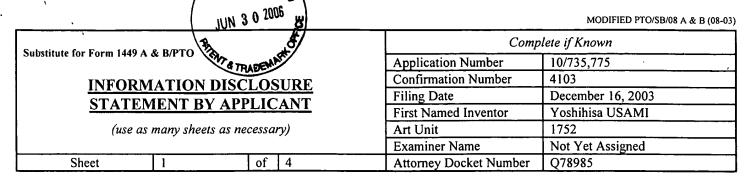
Telephone: (202) 293-7060 Facsimile: (202) 293-7860

WASHINGTON OFFICE 23373 CUSTOMER NUMBER

Date: June 30, 2006

Bruce E. Kramer

Registration No. 33,725



U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
		US 2001/0044002	Al	11-22-2001	SHINGAI ET AL.				
		US 2002/0044523	Āl	04-18-2002	OSHIMA ET AL.				
		US 2002/0076648	A1	06-20-2002	BERNETH ET AL.				
		US 2002/0145967	Al	10-10-2002	FUJII ET AL.				
		US 2002/0122379	A1	09-05-2002	TAMADA ET AL.				
		US 2003/0003261	Al	01-02-2003	SAITO ET AL.				
		US 2003/0017295	Al	01-23-2003	ISHIDA ET AL.				
		US 2003/0031954	A1	02-13-2003	KAKUTA ET AL.				
		US 2003/0081537	Al	05-01-2003	SHINOTSUKA				
		US 2003/0082331	Al	05-01-2003	ISHIDA ET AL.				
		US 2003/0090990	Al	05-15-2003	OZAWA ET AL.				
		US 2003/0116266	Al	06-26-2003	KITANO ET AL.				
		US 2003/0148215	Al	08-07-2003	KAKUTA ET AL.				
		US 2003/0183511	Al	10-02-2003	KAKUTA ET AL.				
		US 2003/0118938	Al	06-26-2003	ISHIDA ET AL.				
		US 2004/0125739	A1	07-01-2004	USAMI ET AL.				
		US 4,412,231		10-25-1983	NAMBA ET AL.				
		US 4,458,004		07-03-1984	TANIKAWA				
		US 4,465,767		08-14-1984	OBA ET AL.				
		US 4,871,408		10-03-1989	HONMA ET AL.				
		US 5,075,145		12-24-1991	YAMAMOTO ET AL.				
		US 5,332,608		07-26-1994	TSUJI ET AL.				
		US 5,340,698		08-23-1994	HIRATA ET AL.				
		US 5,490,131		02-06-1996	OHTA ET AL.				
		US 5,747,413		05-05-1998	AMANO ET AL.				
		US 5,763,868		06-09-1998	KUBOTA ET AL.				
		US 5,798,161		08-25-1998	KITA ET AL.				
		US 5,806,388		09-15-1998	IMATAKI				
		US 5,882,760		03-16-1999	HATWAR ET AL.				
		US 5,962,181		10-05-1999	DAEMS ET AL.				
		US 5,965,229	-	10-12-1999	ZHOU ET AL.				
		US 5,968,708		10-19-1999	YASHIRO ET AL.				
		US 6,023,451	<u> </u>	02-08-2000	KASHIWAGI ET AL.				
		US 6,051,289		04-18-2000	TSUJIMOTO ET AL.				
		US 6,136,751		10-24-2000	HARADA				
		US 6,228,455	B1	05-08-2001	HUANG ET AL.				

Examiner Signature	Date	te Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

C. b. C. a. C. a. C. a. 1446	DA O DOTO			Com	plete if Known	
Substitute for Form 1449 A & B/PTO				Application Number	10/735,775	
INFOR	RMATION	DISCLOS	HIRE	Confirmation Number	4103	
	EMENT BY			Filing Date	December 16, 2003	
<u> 51A11</u>	CIVILLINI DI	AFFLIC	ANI	First Named Inventor	Yoshihisa USAMI	
(use	as many sheet	s as necessa	ry)	Art Unit	1752	
				Examiner Name	Not Yet Assigned	
Sheet	2	of	4	Attorney Docket Number	Q78985	

	U.S. PATENT DOCUMENTS									
Examiner	Cite	Document		Publication Date						
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document					
		US 6,246,656	Bl	06-12-2001	KAWAKUBO ET AL.					
		US 6,269,072	Bl	07-31-2001	OHGO ,					
		US 6,353,592.	B1	03-05-2002	KASHIWAGI ET AL.					
		US 6,506,469	B2	01-14-2003	TAKAHASHI ET AL.					
		US 6,572,947	B2	06-03-2003	SABI ET AL.					
		US 6,576,320	B2	06-10-2003	HAYASHIDA ET AL.					
		US 6,627,288	Bl	09-30-2003	OGISO ET AL.					
		US 6,661,770	B2	12-09-2003	KAKUTA ET AL.					
		US 6,699,591	B2	03-02-2004	ISHIDA ET AL.					
		US 6,731,592	B2	05-04-2004	USAMI					
		US 6,767,987	B2	07-27-2004	OKAZAKI					
		US 6,808,782	B2	10-26-2004	USAMI ET AL.					
		US 6,811,850	BI	11-02-2004	HIRATA					
		US 5,075,145		12-24-1991	YAMAMOTO ET AL.					

		NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.						
		U.S. Office Action for U.S. Application 10/305,976 dated 12/13/2005						
		U.S. Office Action for U.S. Application 10/305,976 dated 3/21/2005						
		U.S. Office Action for U.S. Application 10/305,976 dated 6/28/2004						
		Notice of Reasons for Rejection, Reference number FSF-02693, Transmittal number 389491, Date of transmittal: October 26, 2004						
		Notice of Reasons for Rejection (translation), Patent Application No.: 2002-063561, drafting date of notice: January 27, 2005, mailing date of notice: February 1, 2005, Patent Office Examiner: Hitonori Tachibana 3045 5D00, representative patent attorney: Jun Nakajima (and three others), Applicable law: Article 29(2)						
		European Patent Office Communication, dated 20.05.03, ref. 16.79869, EP 03 25 0407, Applicant: Fuji Photo Film Co., Ltd.						
		European Patent Office Communication, dated 21.03.03, ref. K 58 049/7 nb, Patent EP 02 02 6680, Applicant: Fuji Photo Film Co., Ltd.						
		European Patent Office Communication, dated 28.01.04, ref. K 54 942/7 nb, Patent EP 02 01 2947, Fuji Photo Film Co., Ltd.						

Examiner Signature		Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

0.1.11.1.0.10.11	40 4 0 D/DTO			Comp	plete if Known	
Substitute for Form 144	49 A & B/P1O			Application Number	10/735,775	
INFO	DMATION	DISCLOSUI	DΕ	Confirmation Number	4103	
<u> </u>				Filing Date	December 16, 2003	
<u> 51A1</u>	EMENIB	Y APPLICAN	<u> </u>	First Named Inventor	Yoshihisa USAMI	
(us	e as many shee	ts as necessary)		Art Unit	1752	
	-			Examiner Name	Not Yet Assigned	
Sheet	3	of 4		Attorney Docket Number	Q78985	

				FOREI	GN PATENT DO	CUMENTS	
Examiner	Cite		eign Patent Doc	ument Kind	Publication Date	Name of Patentee or	Translation <sup>6</sup>
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation
		EP	0 101 745	A1	03-07-1984	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
		EP	0 653 685	A1	05-17-1995	AGFA-GEVAERT	
		EP	0 837 459	A1	04-22-1998	EASTMAN KODAK COMPANY	
		EP	0 871 164	Al	10-14-1998	TDK CORPORATION	
		EP	1 047 055	Al	10-25-2000	3M INNOVATIVE PROPERTIES COMPANY	
		EP	1 065 663	A2	01-03-2001	SONY CORPORATION	
		EP	1 083 555	A1	03-14-2001	FUJI PHOTO CO., LTD.	
		EP	1 103 962	A2	05-30-2001	SONY CORPORATION	
		EP	1 154 413	A3	11-14-2001	TDK CORPORATION	
		EP	1 191 525	A2	03-27-2002	FUJI PHOTO FILM CO., LTD.	
		EP	1 271 499	A2	01-02-2003	FUJI PHOTO FILM CO., LTD.	
		JP	2-196689	A ~	08-03-1990		TRANSLATION
		JP	4-64936	A	02-28-1992	CANON KK	ABSTRACT.
		JP	6-44608	Α	02-18-1994		TRANSLATION
		JP	7-266703	A	10-17-1995	RICOH CO LTD	ABSTRACT
		JP	8-45125	A	02-16-1996	KUROSAWA SATOSHI	ABSTRACT.
		JP	9-147418	Α	06-06-1997		TRANSLATION
		JP	11-120617	Α	04-30-1999	SONY CORP	ABSTRACT
		JP	11-138993	A	05-25-1999	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	TRANSLATION
		JP	11-31337	A	02-02-1999	SONY CORP	ABSTRACT
		JP	2000-285520	A	10-13-2000	SONY CORP	ABSTRACT
		JP	2000-311392	A	11-07-2000	SONY CORP	ABSTRACT
		JP	2000-67468	Α	03-03-2000	TEUIN LTD	ABSTRACT
		JP	2001-155383	А	06-08-2000	SONY CORP	ABSTRACT, MACHINE TRANSLATION
		JP	2001-243658	Α	09-07-2001	TEIJIN LTD	ABSTRACT
		JP	2001-43566	A	02-16-2001	TDK CORP	ABSTRACT

Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.					
		PATENT ABSTRACTS OF JAPAN, Publication No. 06-044608, date of publication: 18.02.1994, Application No. 04-072694, Date of filing: 21.02.1992, Applicant NIPPON COLUMBIA CO. LTD., Inventor Sano Takashi, Chiku Shinichiro					
		Keep Schep et al., ISOM 2000, International Symposium on Optical Memory 2000, c/o Business Center for Academic Societies Japan, Technical Digest					

Examiner Signature	 	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449	A & D/DTO			Сотр	olete if Known	• • • •
Substitute for Form 1449	A & B/FIU			Application Number	10/735,775	
INFOR	MATION	DISCLOS	SURE	Confirmation Number	4103	
	····	Y APPLIC		Filing Date	December 16, 2003	
SIAII	PINITE IN I D	IAIILIC	AITI	First Named Inventor	Yoshihisa USAMI	
(use	as many shee	ets as necessai	ry)	Art Unit	1752	
				Examiner Name	Not Yet Assigned	
Sheet	4	of	4	Attorney Docket Number	Q78985	

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Foreign Patent Document		Publication Date	Name of Patentee or						
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>				
		JP	60-204395	Α	10-15-1985	TDK CORP	TRANSLATION				
		wo	02/054399	Al	09-24-2003	KITANO ENGINEERING CO LTD	Corresponding Application EP I 347 449 cited below				
		EP	1 347 449	Al	09-24-2003	KITANO ENGINEERING CO LTD					
		1		ļ							
		-	ļ	<del> </del>	<del> </del>						
		1	l	<u> </u>	<u> </u>						

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>			
		·				
	····					
			-			

	· · · · · · · · · · · · · · · · · · ·		
	<u>.</u>		
	<b>†</b>		
1 Examiner Signature	l n	ate Considered	
Examine Signature		ate Consider ed	
			· · · · · · · · · · · · · · · · · · ·

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.